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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/031,126	08/19/2003	Charles M. Link II	36968/190182	2641

38823 7590 04/10/2007  
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ATLANTA, GA 30339

EXAMINER

TRAN, TUAN A

ART UNIT	PAPER NUMBER
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2618

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	04/10/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

## Office Action Summary

**Application No.**

10/031,126

**Applicant(s)**

LINK II ET AL.

**Examiner**

Tuan A. Tran

**Art Unit**

2618

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 10 January 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 32-97 is/are pending in the application.
- 4a) Of the above claim(s) 1-31 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 32-97 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                  | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

1. Claims 32-97 are rejected under 35 U.S.C. 102(e) as being anticipated by Link, II et al. (6,550,010).

Regarding claim 32, Link discloses a unit that is locked against use for communication until the unit is unlocked, comprising: memory for storing an unlock code with the unlock code being generated from an algorithm using a secret code and an identifier of the unit; a control for receipt of an input code; and a processor being functionally connected to the control and to the memory to effect a comparison of the input code and the unlock code, and to effect an unlocking of the unit if the comparison results in a finding the input code is substantially equal to the unlock code (See figs 2-4 and col. 10 line 47 to col. 11 line 59, col. 17 line 16 to col. 18 line 49).

Regarding claims 33-34 and 40, Link discloses as cited in claim 32. Link further discloses the unit comprises a wireless handset and the identifier comprises an

electronic serial number of the unit, wherein the electronic serial number is unique to the unit (See col.10 lines 47-59).

Regarding claim 35, Link discloses as cited in claim 32. Link further discloses the control is operative to receive the input code and a system identification number from a selected network, and the processor is operative, after the unlocking of the unit, to effect the activation of the unit on the selected network based on the system identification number (See fig. 4 and col. 17 line 16 to col. 18 line 49).

Regarding claims 35-38, Link discloses as cited in claim 32. Link further discloses that the algorithm comprises a cryptographic algorithm such as hash function or checksum function, or cave algorithm, or MD5 algorithm (See fig. 3 and col. 11 lines 4-59).

Regarding claim 39, Link discloses as cited in claim 32. Link further discloses the algorithm used to generate the unlock code is run by a device other than the unit and wherein the unlock code is loaded by the device in the memory (See col. 11 lines 7-12).

Regarding claims 41-42, Link discloses as cited in claim 32. Link further discloses the algorithm includes division of the secrete code by the identifier of the unit, wherein the division of the secrete code by the identifier of the unit results in a remainder, wherein the remainder is padded and the padded remainder is the unlock code (See col. 11 lines 38-59 and col. 15 lines 21-54).

Claims 43-54 and 60-71 are rejected for the same reasons as set forth in claims 32-42, as method.

Claims 55-59 and 72-97 are rejected for the same reasons as set forth in claims 32-42, as apparatus.

The applied reference has a common inventor, a common assignee with the instant application. Based upon the earlier effective U.S. filing date of the reference, it constitutes prior art under 35 U.S.C. 102(e). This rejection under 35 U.S.C. 102(e) might be overcome either by a showing under 37 CFR 1.132 that any invention disclosed but not claimed in the reference was derived from the inventor of this application and is thus not the invention "by another," or by an appropriate showing under 37 CFR 1.131.

### ***Response to Arguments***

Applicant's arguments filed 01/10/2007 have been fully considered but they are not persuasive.

The Applicant argued that the rejections are improper because the applied reference (U.S. Patent No. 6,550,010) is a parent of the instant application (See Remark, page 18 first paragraph). The examiner has acknowledged the mentioned continuing data. However, because the applied reference has a common inventor with the instant application, based upon the earlier effective U.S. filing date of the reference, it constitutes prior art under 35 U.S.C. 102(e). **This rejection under 35 U.S.C. 102(e) might be overcome either by a showing under 37 CFR 1.132 that any invention disclosed but not claimed in the reference was derived from the inventor of this**

**application and is thus not the invention “by another,” or by an appropriate showing under 37 CFR 1.131.**

For this reason, the examiner maintains all rejections for the pending claims.

***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).


A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan A. Tran whose telephone number is (571) 272-7858. The examiner can normally be reached on Mon-Fri, 10:00AM-6:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Anderson can be reached on (571) 272-4177. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Tuan Tran

  
Matthew D. Anderson  
SPE - 2618